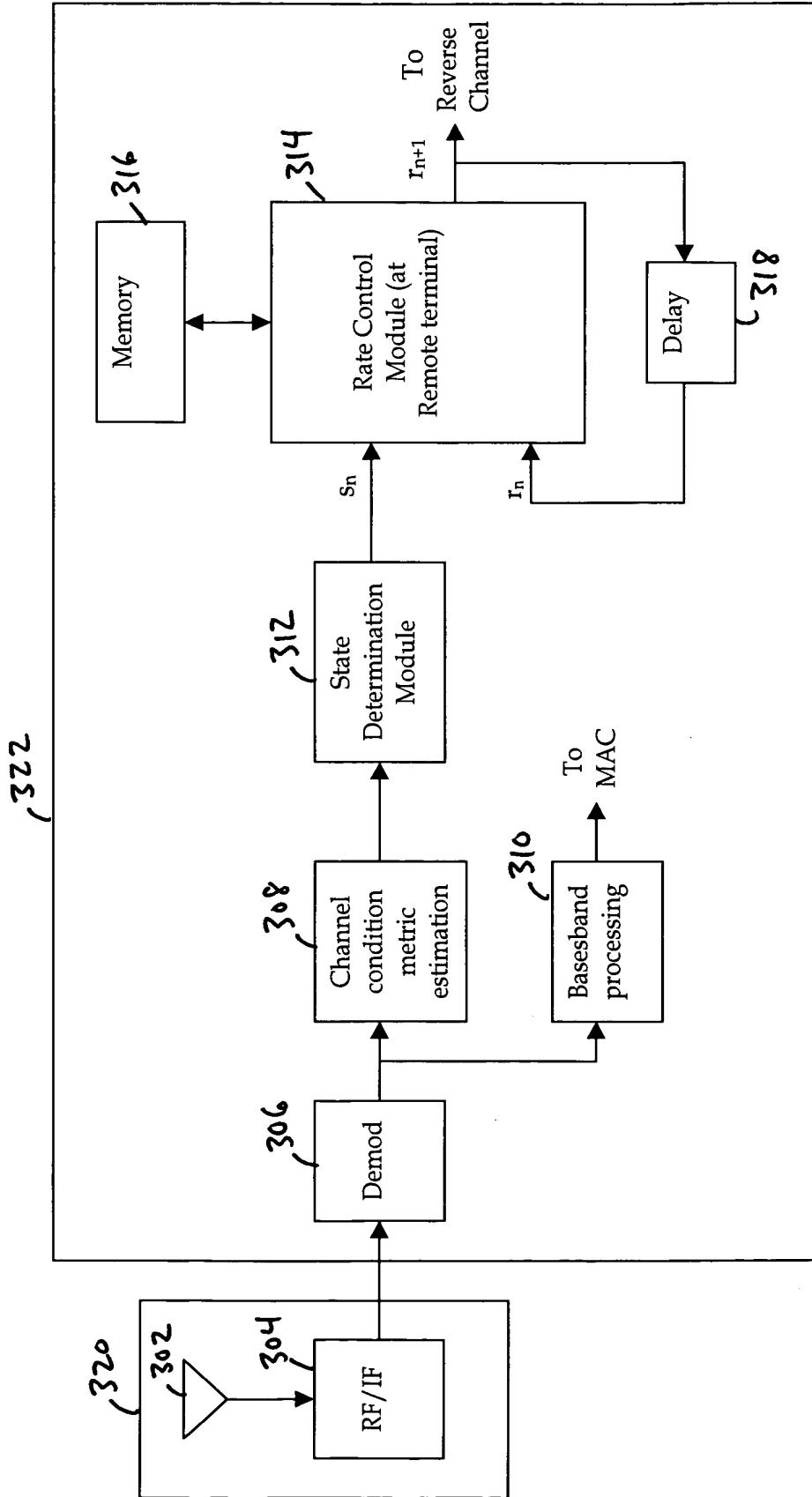


FIG. 2

FIG. 3



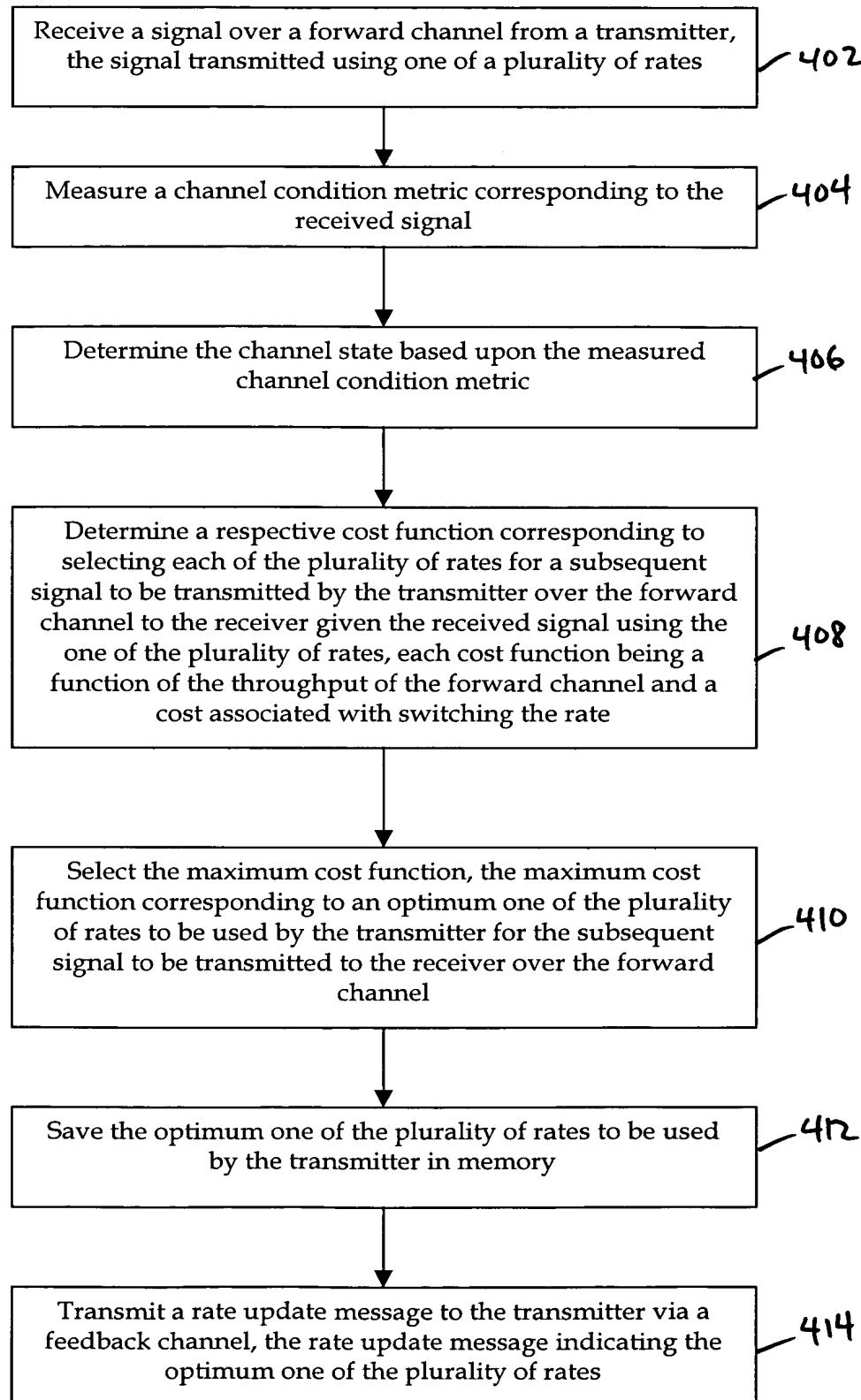


FIG. 4

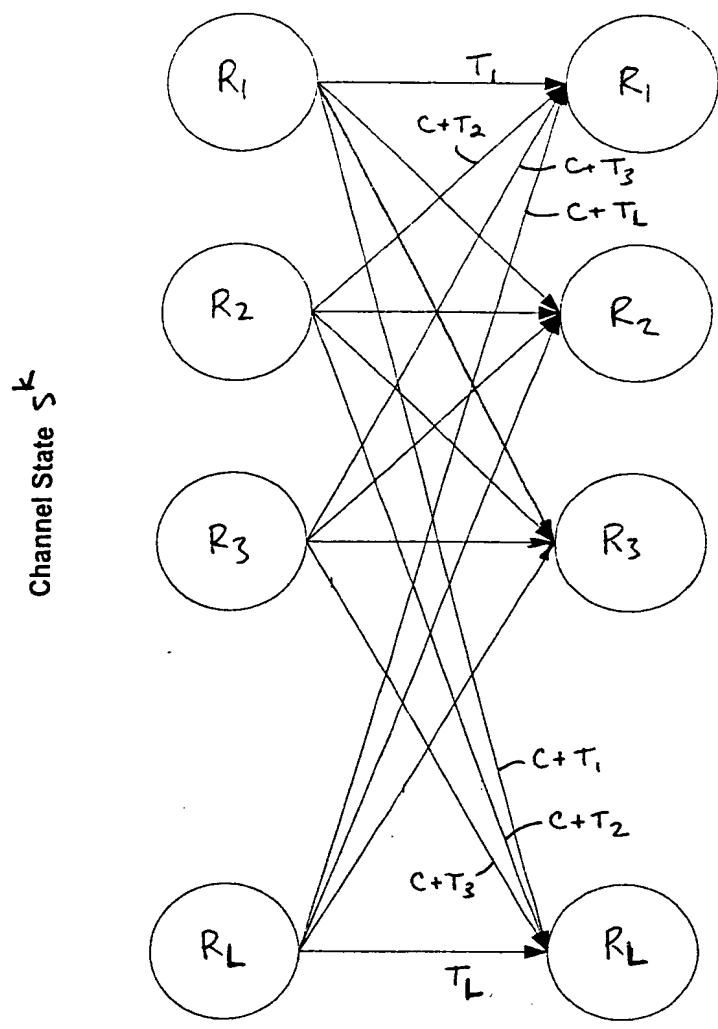


FIG. 5

Given a channel state s^k during iteration n , determine a cost function associated with arriving at a system state using a current rate r_n from previous system states using each of a plurality of available rates during iteration $n-1$, the cost being a function of throughput and a cost associated with switching rates

602

Select the maximum cost function, the maximum cost function associated with arriving at the system state using the current rate r_n during iteration n from a previous system state using the optimal rate r_{n+1} of the plurality of available rates

604

Save rate r_{n+1} as the optimal rate to be selected for a subsequent signal to be transmitted by the transmitter when a current signal is received using current rate r_n

606

FIG. 6

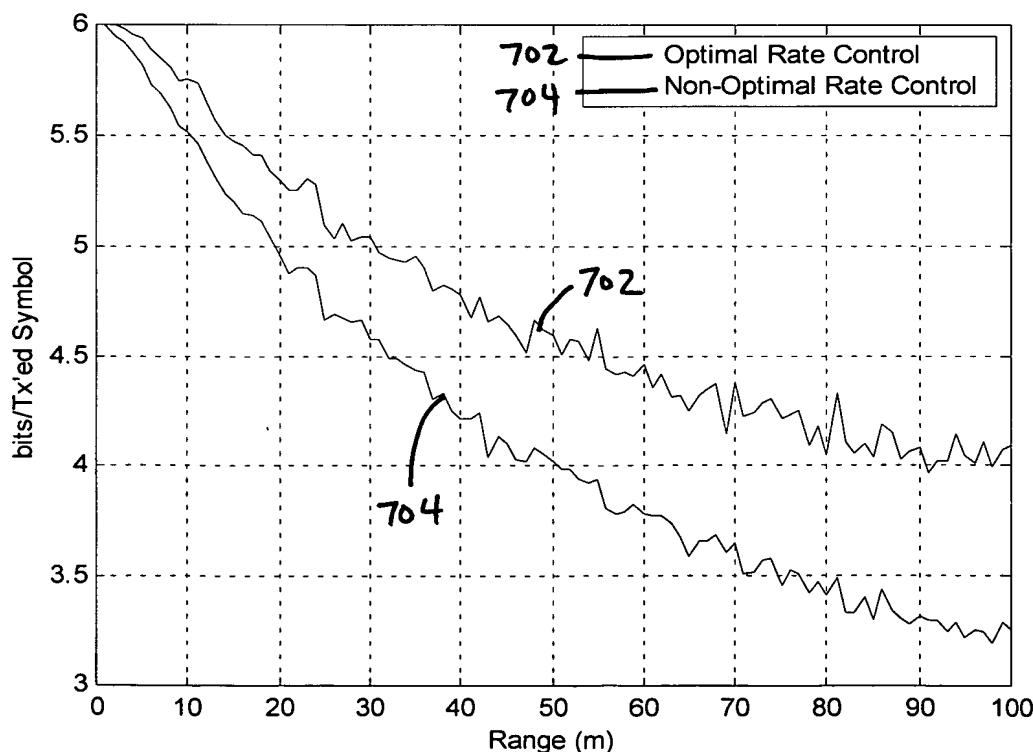


FIG. 7

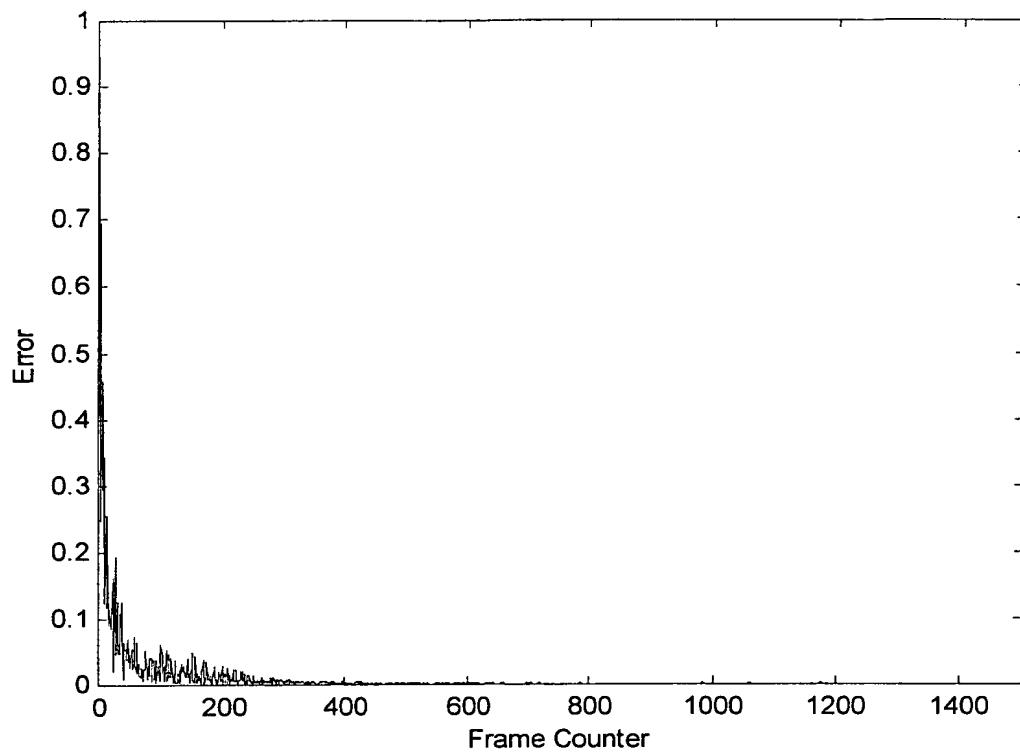


FIG. 8

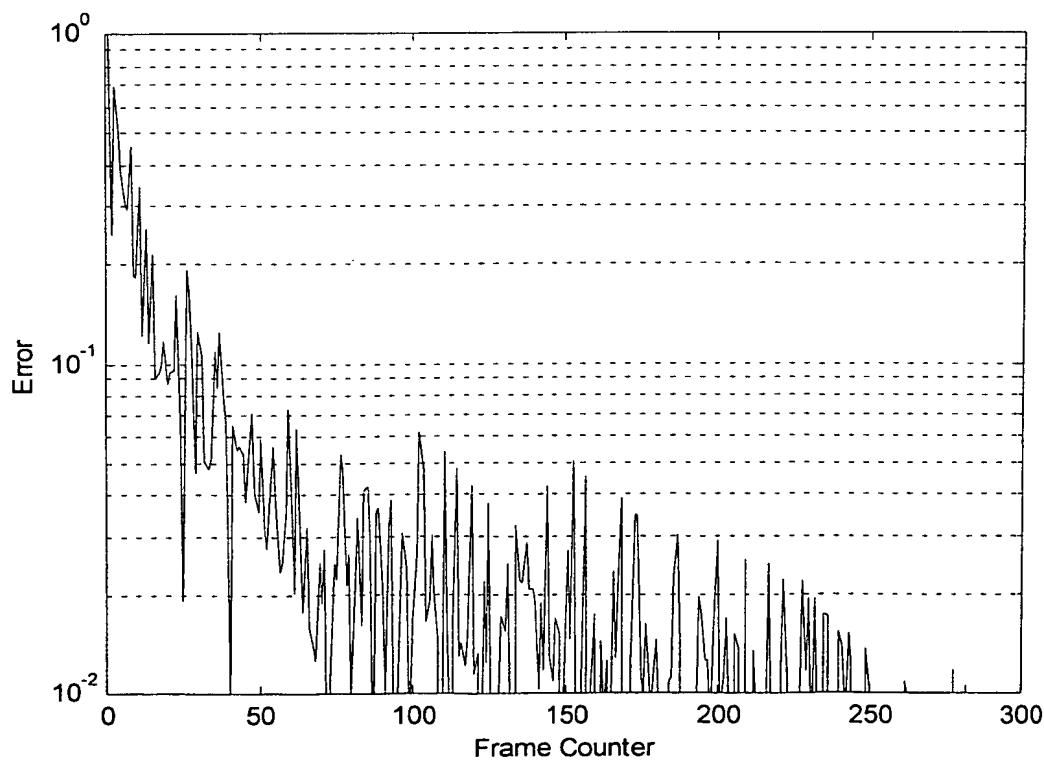


FIG. 9

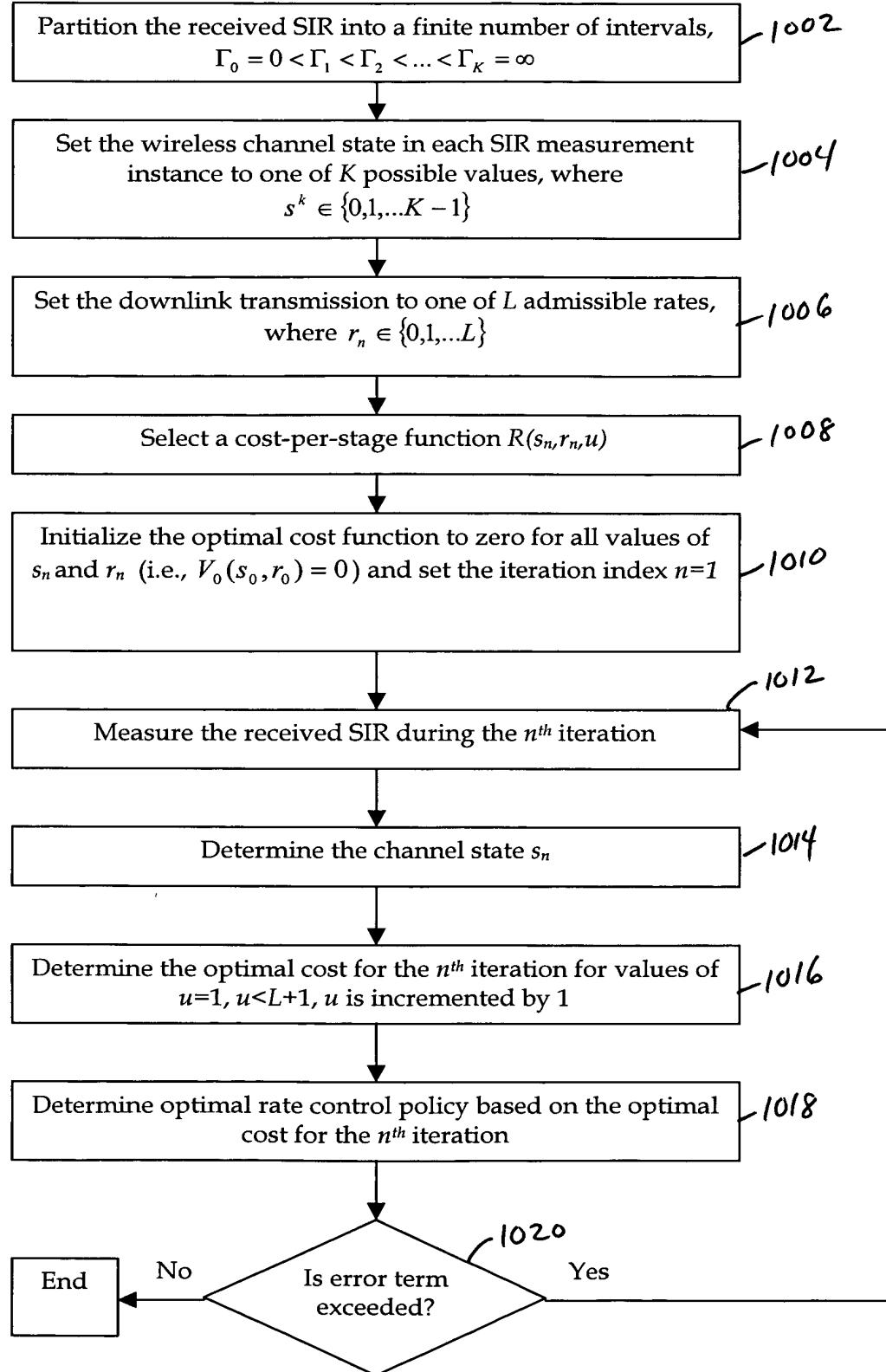


FIG. 10